

PATENT
Customer No. 22,852
Attorney Docket No. 08702.0005-00000

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-56. (canceled)

57. (new) A method for identifying a compound which inhibits the binding of a SLIC-1 protein to PSGL-1, comprising:

- i) contacting said SLIC-1 protein with a test compound; and
- ii) determining the effect of the test compound on the binding of said SLIC-1 protein to PSGL-1;

wherein said SLIC-1 protein consists of:

- 1) a SLIC-1 moiety chosen from:
 - (a) amino acids 1-226 of SEQ ID NO:2;
 - (b) amino acids 1-316 of SEQ ID NO:2; and
 - (c) fragments of (a) or (b) that have PSGL-1 binding activity; and
- 2) optionally, at least one heterologous amino acid sequence.

58. (new) A method for identifying a compound which increases the binding of a SLIC-1 protein to PSGL-1, comprising:

- i) contacting said SLIC-1 protein with a test compound; and
- ii) determining the effect of the test compound on the binding of said SLIC-1 protein to PSGL-1;

wherein said SLIC-1 protein consists of:

- 1) a SLIC-1 moiety chosen from:
 - (a) amino acids 1-226 of SEQ ID NO:2;
 - (b) amino acids 1-316 of SEQ ID NO:2; and
 - (c) fragments of (a) or (b) that have PSGL-1 binding activity; and
- 2) optionally, at least one heterologous amino acid sequence.

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59. (new) The method of claim 57, wherein at least one heterologous sequence is a protein tag.
60. (new) The method of claim 59, wherein said protein tag is a GST tag.
61. (new) The method of claim 59, wherein said protein tag is a T7 tag.
62. (new) The method of claim 57, wherein said SLIC-1 protein consists of amino acids 1-226 of SEQ ID NO:2.
63. (new) The method of claim 57, wherein said SLIC-1 protein consists of amino acids 1-226 of SEQ ID NO:2 and a protein tag.
64. (new) The method of claim 57, wherein said SLIC-1 protein consists of amino acids 1-316 of SEQ ID NO:2.
65. (new) The method of claim 57, wherein said SLIC-1 protein consists of amino acids 1-316 of SEQ ID NO:2 and a protein tag.
66. (new) The method of claim 57, wherein said SLIC-1 protein consists of a fragment of amino acids 1-266 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity.
67. (new) The method of claim 57, wherein said SLIC-1 protein consists of a fragment of amino acids 1-266 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity, and a protein tag.
68. (new) The method of claim 57, wherein said SLIC-1 protein consists of a fragment of amino acids 1-316 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity.

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69. (new) The method of claim 57, wherein said SLIC-1 protein consists of a fragment of amino acids 1-316 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity, and a protein tag.

70. (new) The method of claim 58, wherein at least one heterologous sequence is a protein tag.

71. (new) The method of claim 70, wherein said protein tag is a GST tag.

72. (new) The method of claim 70, wherein said protein tag is a T7 tag.

73. (new) The method of claim 58, wherein said SLIC-1 protein consists of amino acids 1-226 of SEQ ID NO:2.

74. (new) The method of claim 58, wherein said SLIC-1 protein consists of amino acids 1-226 of SEQ ID NO:2 and a protein tag.

75. (new) The method of claim 58, wherein said SLIC-1 protein consists of amino acids 1-316 of SEQ ID NO:2.

76. (new) The method of claim 58, wherein said SLIC-1 protein consists of amino acids 1-316 of SEQ ID NO:2 and a protein tag.

77. (new) The method of claim 58, wherein said SLIC-1 protein consists of a fragment of amino acids 1-266 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity.

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78. (new) The method of claim 58, wherein said SLIC-1 protein consists of a fragment of amino acids 1-266 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity, and a protein tag.

79. (new) The method of claim 58, wherein said SLIC-1 protein consists of a fragment of amino acids 1-316 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity.

80. (new) The method of claim 58, wherein said SLIC-1 protein consists of a fragment of amino acids 1-316 of SEQ ID NO:2, wherein said fragment has PSGL-1 binding activity, and a protein tag.